

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	12	(trick\$1play (trick adj play)) same (limit\$3) same (frame \$1rate (frame adj rate))	US-PGPUB; USPAT	OR	ON	2009/11/10 10:04
L3	41	(trick\$1play\$3 (trick adj play \$3) fwd rwd fast\$1forward\$3 (fast adj forward\$3) rewind\$3) same (multiple) same (frame \$1rate (frame adj rate))	US-PGPUB; USPAT	OR	ON	2009/11/10 10:11
L4	4443303	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2009/11/10 10:13
L5	15	L3 and L4	US-PGPUB; USPAT	OR	ON	2009/11/10 10:13
L10	665	(725/114).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/10 11:15
L11	416	(725/115).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/10 11:15
L12	717	(725/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/10 11:15
L13	345	(725/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/10 11:15
L14	158	(L10 L11 L12 L13) and @pd>="20090422"	US-PGPUB; USPAT	OR	ON	2009/11/10 11:15
S1	1	("20040143679").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/31 18:01
S2	497	(725/114).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/28 15:07
S3	326	(725/115).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/28 15:07
S4	580	(725/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/28 15:07
S5	309	(725/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/28 15:07
S6	4352857	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2008/01/28 15:08
S7	8	((commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent\$3 block\$3 disabl\$3)).ab.	US-PGPUB; USPAT	OR	ON	2008/01/29 11:30
S8	2	((("5485219") or ("6698020")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/28 15:41
S9	3	((("5333091") or ("5692093") or ("5986866")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/28 15:48

S10	5	((S2 S3 S4 S5) and ((commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent\$3 block\$3 disabl\$3))	US-PGPUB; USPAT	OR	ON	2008/01/28 15:57
S11	15623	("725").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/01/28 15:57
S12	90	S11 and ((commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent \$3 block\$3 disabl\$3))	US-PGPUB; USPAT	OR	ON	2008/01/31 18:47
S13	61	S6 and S12	US-PGPUB; USPAT	OR	ON	2008/01/29 11:39
S14	1	("5987210").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/29 11:39
S15	112111	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 11:39
S16	97	S15 and ((commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent \$3 block\$3 disabl\$3))	US-PGPUB; USPAT	OR	ON	2008/01/29 11:39
S17	4353686	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2008/01/29 11:39
S18	74	S17 and S16	US-PGPUB; USPAT	OR	ON	2008/01/29 11:40
S19	1594	(limitation near information)	US-PGPUB; USPAT	OR	ON	2008/01/31 18:44
S20	15648	("725").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/01/31 18:01
S21	40	S19 and S20	US-PGPUB; USPAT	OR	ON	2008/01/31 18:01
S22	4354133	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2008/01/31 18:01
S23	29	S21 and S22	US-PGPUB; USPAT	OR	ON	2008/01/31 18:05
S24	0	(head\$1end headend head adj end) same (combin\$3 multiplex \$3) same (commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent \$3 block\$3 disabl\$3)	US-PGPUB; USPAT	OR	ON	2008/01/31 18:41
S25	1	(head\$1end headend head adj end) same (combin\$3 multiplex \$3) same (commercial ad) same (skip\$4 fastforward (fast near forward))	US-PGPUB; USPAT	OR	ON	2008/01/31 18:06
S26	2	("2002/0191950").URPN.	USPAT	OR	ON	2008/01/31 18:12
S27	2	((("5485219") or ("6698020")). PN.	US-PGPUB; USPAT	OR	OFF	2008/01/31 18:12

S28	10	(combin\$3 multiplex\$3) same (commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent\$3 block\$3 disabl\$3)	US-PGPUB; USPAT	OR	ON	2008/01/31 18:14
S29	0	(head\$1end headend head adj end) same (combin\$3 multiplex\$3) same (limitation near information)	US-PGPUB; USPAT	OR	ON	2008/01/31 18:39
S30	0	(head\$1end headend head adj end) same (commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent\$3 block\$3 disabl\$3)	US-PGPUB; USPAT	OR	ON	2008/01/31 18:41
S31	34	(head\$1end headend head adj end) same (commercial ad) same (skip\$4 fastforward (fast near forward))	US-PGPUB; USPAT	OR	ON	2008/01/31 18:41
S32	5	((limitation near information) same ((frame (playback play \$1back (play adj back))) near rate)	US-PGPUB; USPAT	OR	ON	2008/01/31 18:46
S33	1516	(725/32-36).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/31 18:47
S34	38	S33 and ((commercial ad) same (skip\$4 fastforward (fast near forward)) same (prevent\$3 block\$3 disabl\$3))	US-PGPUB; USPAT	OR	ON	2008/02/01 11:48
S35	348	((commercial ad) same (zap\$4))	US-PGPUB; USPAT	OR	ON	2008/02/01 11:49
S36	3	((commercial ad) same (zap\$4) same (prevent\$3 block\$3)).ab.	US-PGPUB; USPAT	OR	ON	2008/02/01 11:52
S37	16	((commercial ad) same (zap\$4) same (prevent\$3 block\$3))	US-PGPUB; USPAT	OR	ON	2008/02/01 11:58
S38	457	((commercial ad) same ((frame) near rate))	US-PGPUB; USPAT	OR	ON	2008/02/01 12:00
S39	8	((commercial ad) same ((frame) near rate)).ab.	US-PGPUB; USPAT	OR	ON	2008/02/01 12:03
S40	3	(transport near stream) same ((frame near rate) adj (info information data))	US-PGPUB; USPAT	OR	ON	2008/02/01 12:06
S41	7	(transport near stream) same ((frame near rate) near (info information data))	US-PGPUB; USPAT	OR	ON	2008/02/01 12:08
S42	0	(transport near stream) same ((frame near rate) same (ad advertis\$4))	US-PGPUB; USPAT	OR	ON	2008/02/01 12:11
S43	9	(transport near stream) same ((frame near rate) speed) same (ad advertis\$4)	US-PGPUB; USPAT	OR	ON	2008/02/01 12:17

S44	139	(server (head\$1end headend (head adj end))) same (combin \$3 multiplex\$3) same ((play \$1back playback (play adj back)) near (info information data instruct\$3))	US-PGPUB; USPAT	OR	ON	2008/02/01 12:28
S45	27	(server (head\$1end headend (head adj end))) same (combin \$3 multiplex\$3) same ((play \$1back playback (play adj back)) near (control\$4 instruct \$3))	US-PGPUB; USPAT	OR	ON	2008/02/01 14:24
S46	454	(limit\$3) near display near size	US-PGPUB; USPAT	OR	ON	2008/02/01 14:24
S47	0	(limit\$3) near display near size near (ad advertis\$4 commercial)	US-PGPUB; USPAT	OR	ON	2008/02/01 14:25
S48	16	(limit\$3) near size near (ad advertis\$4 commercial)	US-PGPUB; USPAT	OR	ON	2008/02/01 14:27
S49	1151	(display window) near size near (info information data)	US-PGPUB; USPAT	OR	ON	2008/02/01 14:27
S50	15648	("725").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/02/01 14:27
S51	41	S50 and S49	US-PGPUB; USPAT	OR	ON	2008/02/01 14:27
S52	4292	video near size	US-PGPUB; USPAT	OR	ON	2008/02/01 15:03
S53	592	video near size near (info information data)	US-PGPUB; USPAT	OR	ON	2008/02/01 15:03
S54	27	S50 and S53	US-PGPUB; USPAT	OR	ON	2008/02/01 15:05
S55	1516	(725/32-36).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/01 15:05
S56	59	S55 and (window display) near size	US-PGPUB; USPAT	OR	ON	2008/02/01 16:00
S57	113	S55 and ((image video) near (quality))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:01
S58	4354133	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2008/02/01 16:01
S59	75	S57 and S58	US-PGPUB; USPAT	OR	ON	2008/02/01 16:02
S60	67	S55 and ((image video) near (quality) same (info data information control))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:20
S61	42	S60 and S58	US-PGPUB; USPAT	OR	ON	2008/02/01 16:26
S62	14	S55 and ((image video) near (quality) same (playback play \$1back (play adj back)))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:22

S63	149	S50 and ((image video) near (quality) same (playback play \$1back (play adj back)))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:22
S64	15	S50 and ((image video) near (quality) near (playback play \$1back (play adj back)))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:24
S65	1	S50 and ((image video) near (resolution) near (playback play \$1back (play adj back)))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:25
S66	1	S50 and ((image video) near (resolution) near (playback play \$1back))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:25
S67	135	S50 and ((image video) same (resolution) same (maintain\$3 check\$3 assur\$3))	US-PGPUB; USPAT	OR	ON	2008/02/01 16:26
S68	87	S67 and S58	US-PGPUB; USPAT	OR	ON	2008/02/01 16:45
S69	13	(ad advertisement commercial cm) near (quality) near information	US-PGPUB; USPAT	OR	ON	2008/02/01 16:45
S70	280	(725/95).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/02/01 17:02
S71	22	S70 and (image near quality)	US-PGPUB; USPAT	OR	ON	2008/02/01 17:06
S72	1817	(image near quality) same (multiplex\$3 combin\$3) same (information data identifier)	US-PGPUB; USPAT	OR	ON	2008/02/01 17:07
S73	1	(image near quality) near (multiplex\$3 combin\$3) near (information data identifier)	US-PGPUB; USPAT	OR	ON	2008/02/01 17:29
S74	1	("6434746").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/01 17:29
S75	3	((("20020191950") or ("7013477") or ("6434746")).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/01 18:16
S76	45	ogikubo.in.	US-PGPUB; USPAT	OR	ON	2008/02/01 18:32
S77	0	limit\$3 near (reproduction near speed) near range	US-PGPUB; USPAT	OR	ON	2008/10/17 10:52
S78	2	limit\$3 near3 (reproduction near speed) near3 range	US-PGPUB; USPAT	OR	ON	2008/10/17 10:52
S79	174	limit\$3 near3 (reproduction) near3 range	US-PGPUB; USPAT	OR	ON	2008/10/17 10:53
S80	59	(limit\$3 near3 (reproduction) near3 range) and video	US-PGPUB; USPAT	OR	ON	2008/10/17 10:54
S81	1072	((play\$1back (play adj back)) near (speed rate)) same (limit \$3 limitation range bound\$3)	US-PGPUB; USPAT	OR	ON	2008/10/17 11:00
S82	17544	("725").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/10/17 11:00

S83	81	S82 and S81	US-PGPUB; USPAT	OR	ON	2008/10/17 11:00
S84	4397063	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2008/10/17 11:01
S85	53	S84 and S83	US-PGPUB; USPAT	OR	ON	2008/10/17 11:01
S86	84	((fast\$1forward (fast adj forward)) near (speed times \$1X)) same (limit\$3 limitation)	US-PGPUB; USPAT	OR	ON	2008/10/17 13:02
S87	2	((("20020144262") or ("20050076359")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/17 13:05
S88	193	((fast\$1forward (fast adj forward)) near3 (speed times \$1X)) same (limit\$3 limitation)	US-PGPUB; USPAT	OR	ON	2008/10/17 13:42
S89	109	S88 not S86	US-PGPUB; USPAT	OR	ON	2008/10/17 13:43
S90	58	S84 and S89	US-PGPUB; USPAT	OR	ON	2008/10/17 13:43
S91	1	("20020039481").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/17 15:50
S92	359226	@pd>="20080201"	US-PGPUB; USPAT	OR	ON	2008/10/17 15:55
S93	561	(725/114).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/17 15:55
S94	360	(725/115).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/17 15:55
S95	625	(725/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/17 15:55
S96	318	(725/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/17 15:55
S97	134	(S93 S94 S95 S96) and S92	US-PGPUB; USPAT	OR	ON	2008/10/17 15:55
S98	1	("7362949").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/06 11:03
S99	8	("5377051"   "5576902"   "5615018"   "6400996"   "6556775"   "7031595"   "7110658"   "7149412").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 11:03
S100	51	(386/6).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/08 11:41
S101	4419187	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2009/04/08 11:41
S102	42	S101 and S100	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 11:41
S103	162	(386/80).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/08 12:03

S104	151	S101 and S103	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:04
S105	0	S103 and (limit\$3 near ((fast \$1forward) (fast adj forward) ff \$1fwd))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:05
S106	1	S103 and (limit\$3 near4 ((fast \$1forward) (fast adj forward) ff \$1fwd))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:06
S107	43	S103 and (((fast\$1forward) (fast adj forward) ff \$1fwd))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:06
S108	169	(limit\$3 near ((fast\$1forward) (fast adj forward) ff \$1fwd))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:32
S109	78	S101 and S108	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:32
S110	69505	((limit\$5 max maximum) near ((fast\$1forward) (fast adj forward) ff \$1fwd speed))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:44
S111	48287	((("725") or ("386")).CLAS.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/08 12:45
S112	552	S110 and S111	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:45
S113	335	((limit\$5 max maximum) near ((fast\$1forward) (fast adj forward) ff \$1fwd))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:45
S114	36	S113 and S111	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 12:45
S115	1	("6556546").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/08 12:50
S116	1	("20060287956").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/08 13:12
S117	4	((("20030051151") or ("6,772,209") or ("20050190794") or ("20060031892")).PN.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/08 13:24
S118	1174	(386/68).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/08 13:28
S119	508	S118 and (((fast\$1forward) (fast adj forward) ff \$1fwd))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 13:29

S120	127	S118 and (((fast\$1forward) (fast adj forward) ff \$1fwd) same (limit\$5 max maximum))	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 13:29
S121	94	S101 and S120	US-PGPUB; USPAT; EPO	OR	ON	2009/04/08 13:30
S122	4143	((fast adj forward) fast \$1forward (trick adj play) trick \$1play (reproduction adj speed)) same (maximum max limit\$5 cap\$4 disabl\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 10:49
S123	48341	((("725") or ("386")).CLAS.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/09 10:50
S124	1561	S123 and S122	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 10:50
S125	4419453	@ad<="20021115" @rlad<="20021115"	US-PGPUB; USPAT	OR	ON	2009/04/09 10:50
S126	984	S125 and S124	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 10:50
S127	211	((fast adj forward) fast \$1forward (trick adj play) trick \$1play (reproduction adj speed)) same (maximum max limit\$5 cap\$4 disabl\$3)).ab.	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 10:51
S128	70	S123 and S127	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 10:51
S129	1	("20070067800").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/09 11:02
S130	2762	((fast adj forward) fast \$1forward (trick adj play) trick \$1play (reproduction adj speed)) same (maximum max limit\$5 cap capp\$3 disabl\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 11:48
S131	1113	S123 and S130	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 11:50
S132	666	S125 and S131	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 11:50
S133	317	((fast adj forward) fast \$1forward (trick adj play) trick \$1play (reproduction adj speed)) near2 (maximum max limit\$5 cap capp\$3 disabl\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 11:51
S134	171	S123 and S133	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 11:51

S135	99	S125 and S134	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 11:51
S136	2	(fast\$1forward (fast adj forward)) near speed near limit \$5	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 15:19
S137	2	(fast\$1forward (fast adj forward)) near (multiple multiplication times) near limit \$5	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 15:20
S139	190	((fast adj forward) fast \$1forward (trick adj play) trick \$1play (reproduction adj speed)) same (inhibit\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 15:25
S140	112	S125 and S139	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 15:25
S141	68	((fast adj forward) fast \$1forward (trick adj play) trick \$1play (reproduction adj speed)) near3 (inhibit\$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/04/09 15:26
S142	1	(limit\$4 reduc\$3) near (fast \$1forward fwd fwd (fast adj forward)) near (speed function \$5)	US-PGPUB; USPAT	OR	ON	2009/04/22 10:03
S143	70	(limit\$4 reduc\$3) near3 (fast \$1forward fwd fwd (fast adj forward)) near3 (speed function \$5)	US-PGPUB; USPAT	OR	ON	2009/04/22 10:03
S144	53	(limit\$4 reduc\$3 restrict\$3) near3 (trick\$1play (trick adj play)) near3 (speed function\$5 rate)	US-PGPUB; USPAT	OR	ON	2009/04/22 10:25
S145	1	("6760536").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/22 10:51
S146	11	("4969039"   "5282049"   "5521841"   "5535008"   "5606655"   "5708767"   "5751378"   "5754728"   "5767923"   "5771335"   "5991502").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/22 10:58
S147	2	("6760536").URPN.	USPAT	OR	ON	2009/04/22 11:01
S148	1182	(386/68).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2009/04/22 12:31
S149	262883	@pd>="20081017"	US-PGPUB; USPAT	OR	ON	2009/04/22 12:31
S150	603	(725/114).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/22 12:32

S151	379	(725/115).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/22 12:32
S152	655	(725/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/22 12:32
S153	326	(725/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/22 12:32
S154	88	(S150 S151 S152 S153) and S149	US-PGPUB; USPAT	OR	ON	2009/04/22 12:32

**11/ 10/ 2009 11:16:19 AM**

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